

I-70 Frontage Road Improvements

Old US 40 / CR 314

Project Leadership Team / Technical Team Meeting #6

April 5, 2012

Jim Bemelen, I-70 Corridor Manager
David Singer, I-70 Corridor Env. Manager
Benjamin Acimovic, Project Manager
Janet Gerak, Project Env. Manager



Agenda

9:05 **Agenda Review, Introductions**

9:15 **Project Status, Updates**

9:45 **Summary of Design & Implementation**

- Review Phase I Elements
- Phase I Elements assigned to Twin Tunnels
- Phase II Elements

10:15 **Summary of Environmental review**

10:45 **Next Steps**

Step 1
Define Desired Outcomes
and Actions

Step 2
Endorse the Process

Step 3
Establish Criteria

Step 4
Develop Alternatives and Options

Step 5
Evaluate, Select, and Refine
Alternatives and Options

Step 6
Finalize Documentation and
Evaluation Process

Process Status

- **Categorical Exclusion for frontage road improvements east of Idaho Springs to Hidden Valley**

- **Project Schedule**

- | | |
|------------------------------------|---------------------------|
| – PLT/TT Meeting #1 | August 31, 2011 |
| – Scoping | September 7, 2011 |
| – PLT/TT Meeting #2 | October 26, 2011 |
| – PLT/TT Meeting #2.5 | November 1, 2011 |
| – Greenway ITF | November 22, 2011 |
| – Field Inspection Review | December 1, 2011 |
| – Clear Creek Board meeting review | December 12, 2011 |
| – PLT/TT Meeting #3 | December 15, 2011 |
| – Engineering Coordination meeting | December 21, 2011 |
| – PLT/TT Meeting #4 | January 18, 2012 |
| – SWEEP Meeting #3 | January 19, 2012 |
| – ALIVE Meeting #2 | January 20, 2012 |
| – PLT/TT Meeting #5 | January 31, 2012 |
| – Idaho Springs City Council | February 13, 2012 |
| – Section 106 PLT Meeting #2 | February 16, 2012 |
| – Rafting Company Coordination | March 7, 2012 |
| – Final Office Review | March 15, 2012 |
| – Bicycling Coordination | March 29, 2012 |
| – PLT/TT Meeting #6 | April 5, 2012 |
| – Ad date for Phase I | April 19, 2012 |
| – Construction of Phase I | Summer / Fall 2012 |

Project Budget

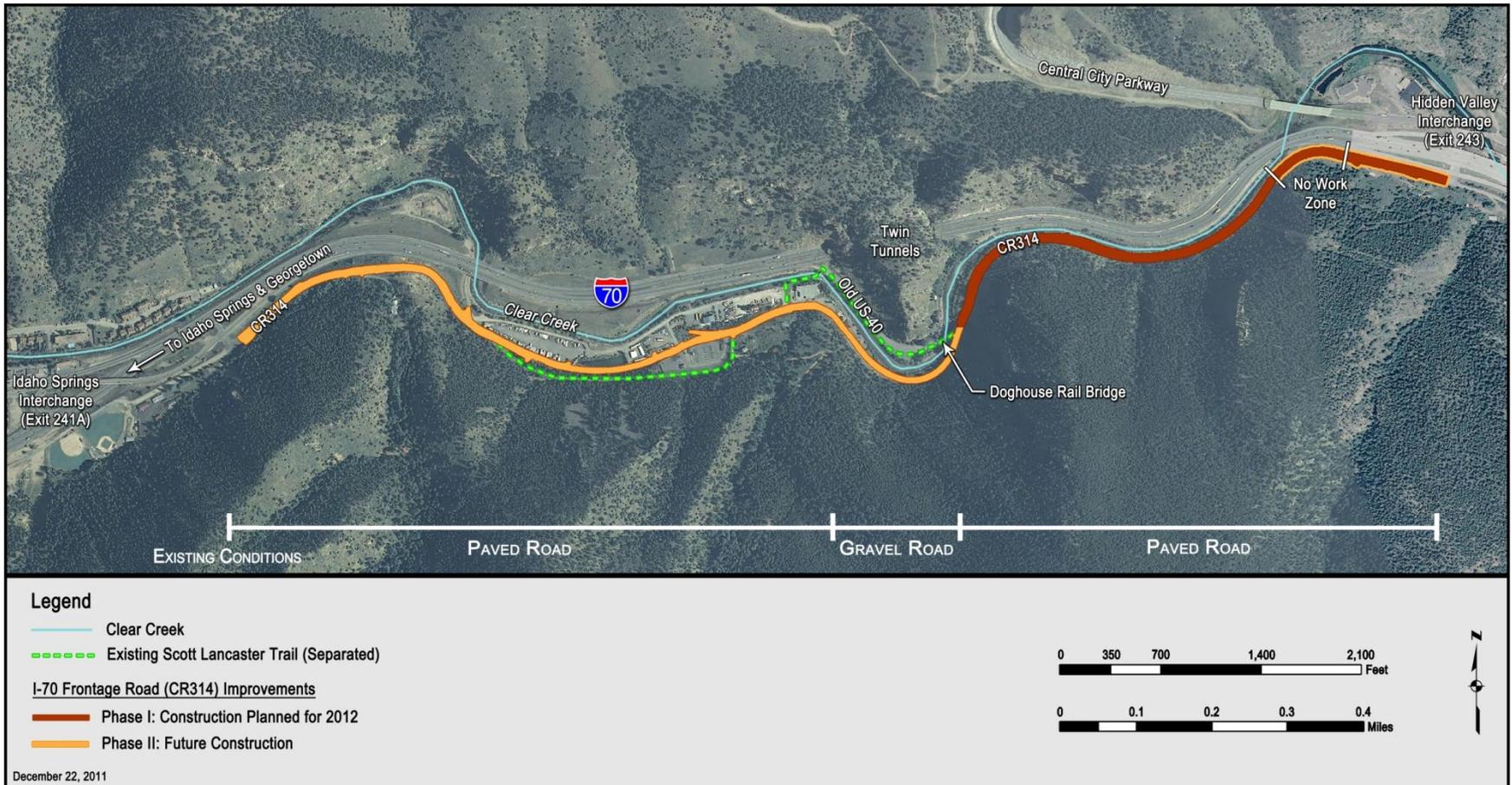
- Total Budget: \$6.25 Million
 - Funds: \$6.25 in State Funding
 - Project Estimate: Phase I: \$6.25 Million
 - Any funds left over will be spent on CR 314
 - Phase I wall façade will be constructed and paid for as part of Twin Tunnels construction
- Phase II:(To Be Constructed Later)
 - Western Decision Area: \$5.1 Million
 - Dirt Road Decision Area: \$1.8 Million
 - Eastern Decision Area: \$3.4 Million

Updates

- No new Section 106, SWEEP, or ALIVE updates
- Environmental Coordination – Catex and EA
- Rafting Coordination Meeting March 7, 2012
 - Reviewed river and road closure protocol
 - Requested end of season meeting
- Bicycle Coordination Meeting March 29, 2012
 - Construction delays up to 30 minutes
 - Accommodations via flaggers and a pilot car
 - Thru-access will be provided eves and wknds
 - I-70 detour: barrier-separated path provided



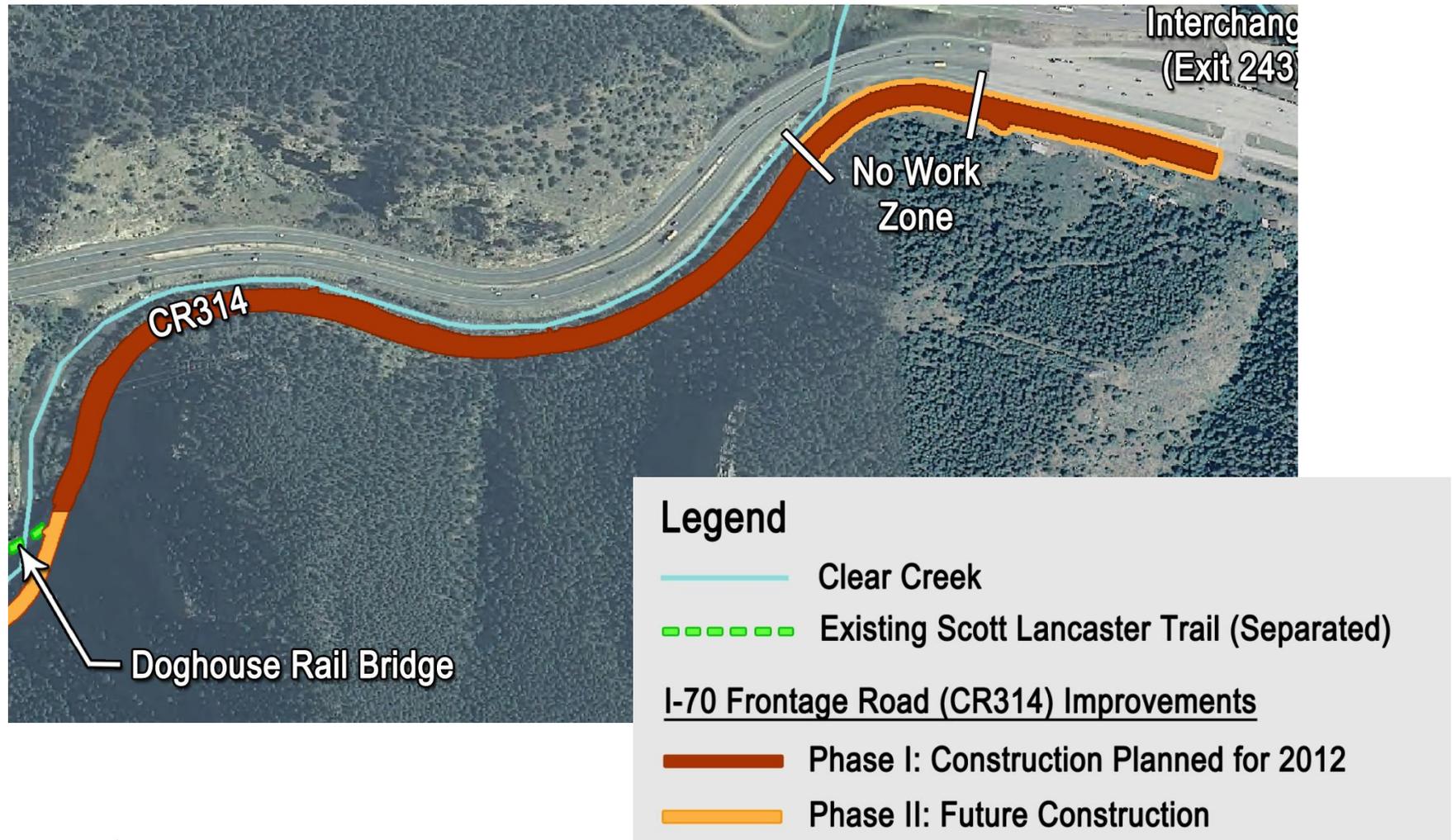
Frontage Road Study Area



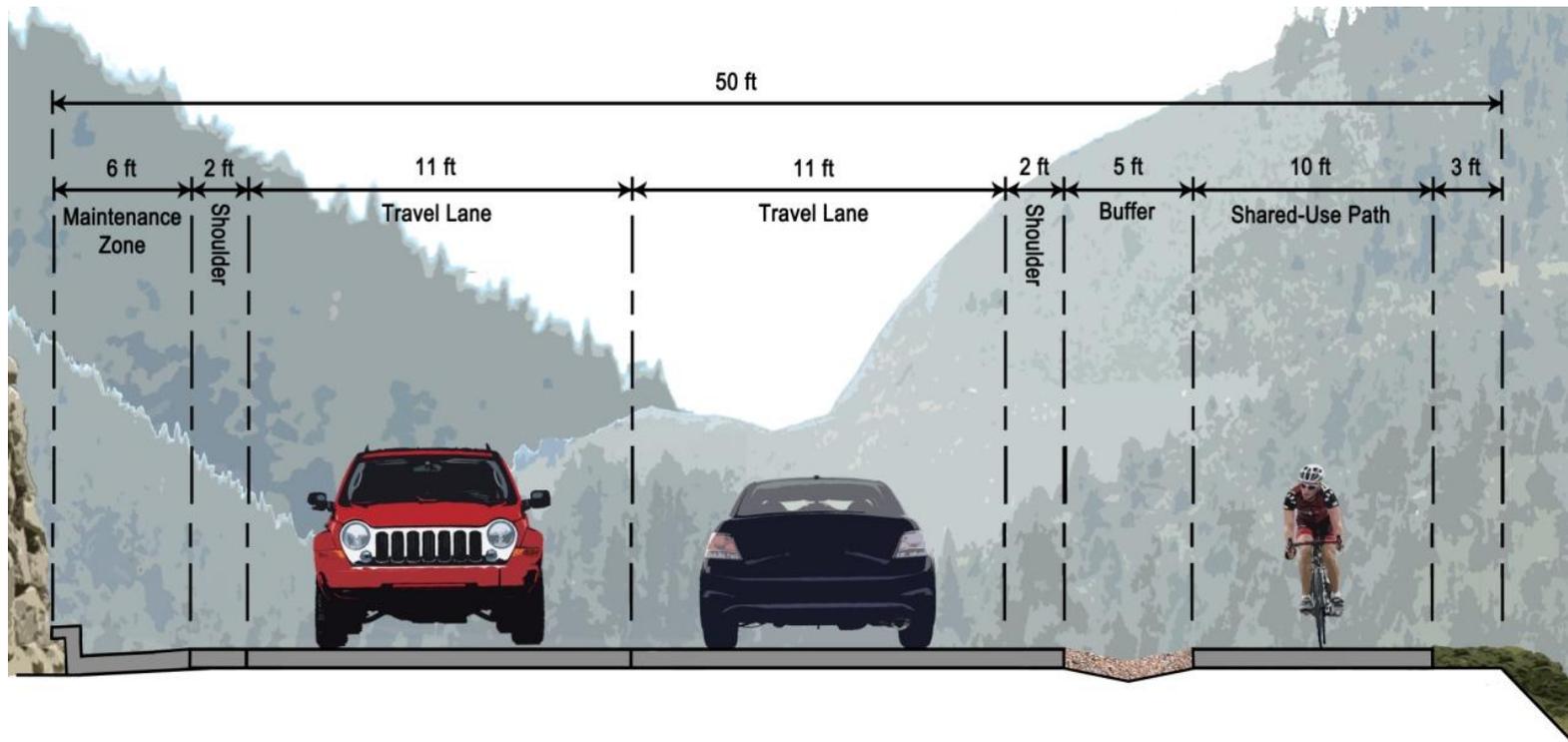
PLT Decisions/Endorsements

- Phase I Cross Section
- Cut side wall system, dimension, tiering, aesthetics
- Trail railing treatment
- Parking area dimension
- Crosswalk design at end of separated path
- Section at Bell property
- Traffic control during construction

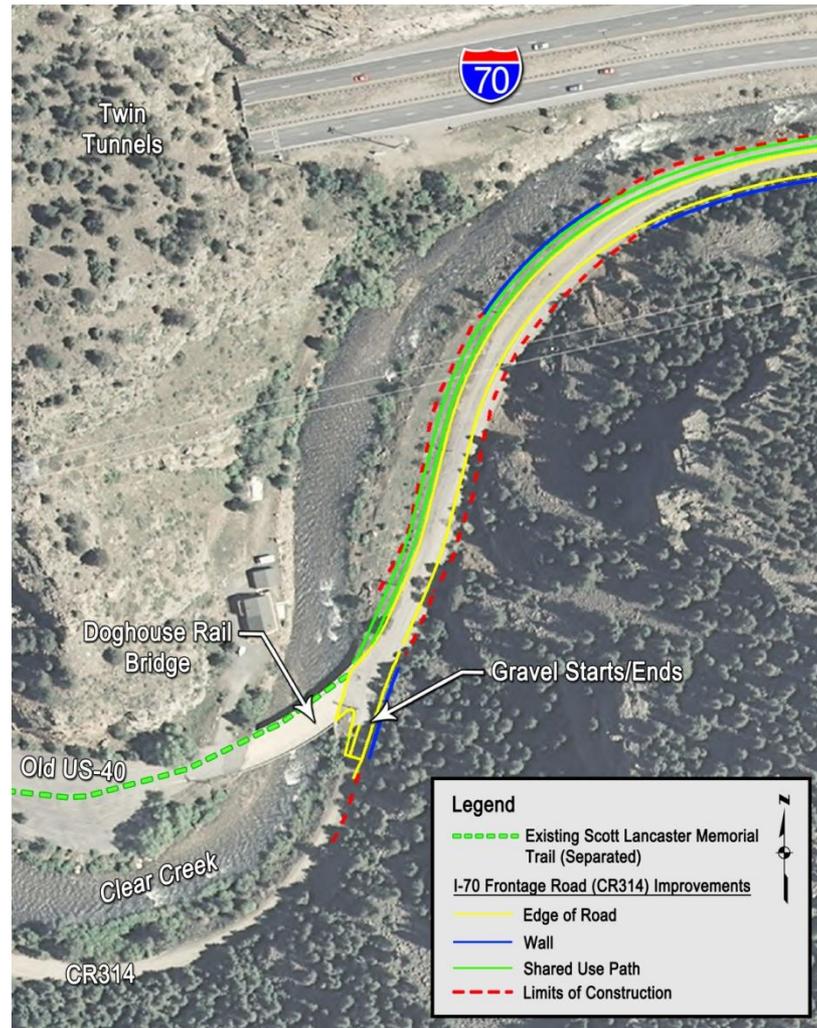
Endorsed Phase I Construction



Endorsed Phase I cross section



Frontage Road - west extent



New Pull-Out Area Design



Frontage Road - east extent



East wall locations



I-70 Twin Tunnels and Frontage Road Walls

Sheet 2 of 2

Legend

Wall Height

- 0 - 5 ft
- 5 - 10 ft
- 10 - 20 ft
- 20 - 30 ft

0 100 200 400 600 800 1,000 Feet

0 100 200 300 Meters



Frontage Road – Existing Condition



Existing Conditions

Frontage Road Visualization



Frontage Road – Greenway



Frontage Road – Next Steps

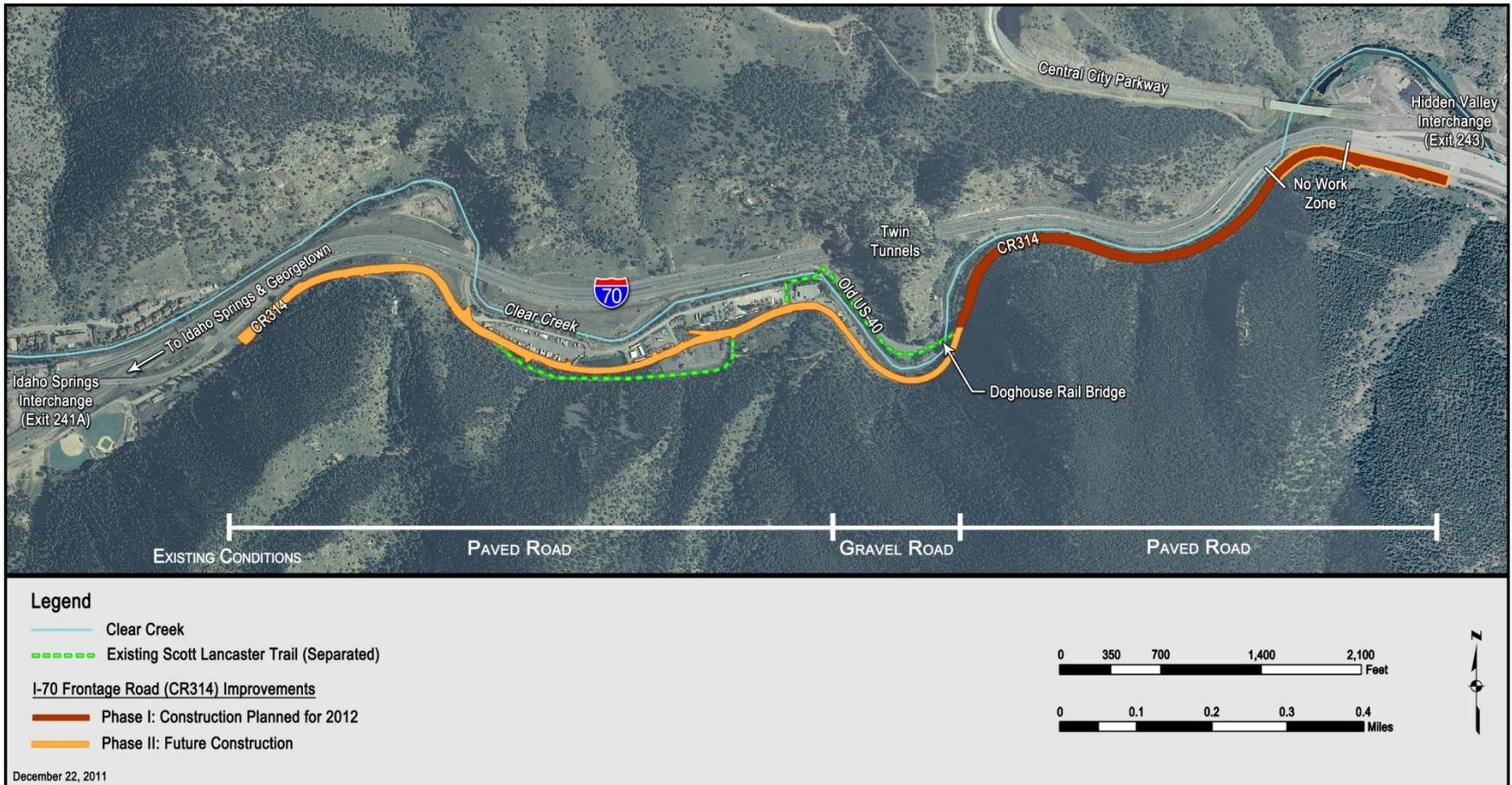
- Mitigation Commitment Tracking Sheet
- Construction Phase CSS lifecycle begins
 - PLT to re-charter before June 1st
- Phase II - May 2012 meeting with CCC

Frontage Road – Next Steps

- Mitigation Commitment Tracking Sheet

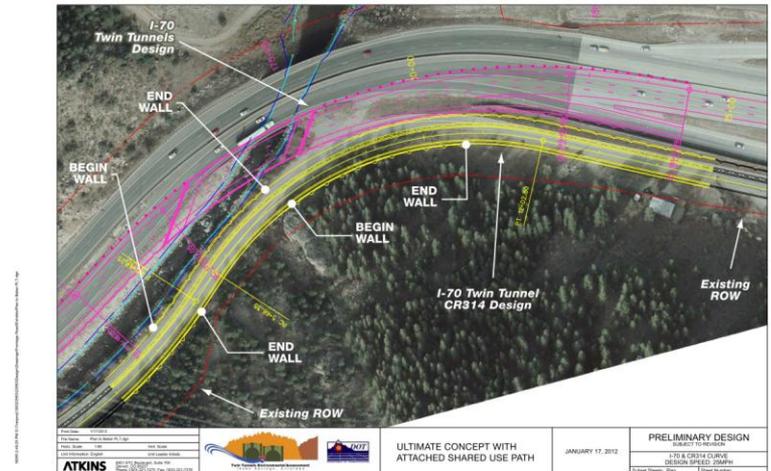
Project Information						
Project Name:		I-70 Frontage Road Improvements Project				
Environmental Project Manager:		Janet Gerak				
Project Number:		C 0703-378 18648				
Document Type and Date of Approval:		Categorical Exclusion				
Project Phase:		Phase I Construction				
Mitigation Commitment # <small>Match to Number in Source Document Summary Table</small>	Mitigation Category	Impacts		Responsible Branch	Timing/Phase of Construction <small>Mitigation to be Constructed</small>	Source Document of Mitigation Commitment <small>and Page Number</small>
		Phase I	Phase II			
		Commitment From Mitigation Table In Source Document <small>Use Exact Wording from Table in Source Document</small>				
1	Air Quality	No Impacts are expected	No Impacts are expected		N/A	Frontage Road CatEx Report 2.1 - Page 13
2	Noise	Not Applicable	Not Applicable		N/A	Frontage Road CatEx Report 2.2 - Page 14
3	Hazardous Materials	No direct impacts are expected	No direct impacts are expected.		Develop a project-specific standard operating procedures regarding identification, Contaminated	Frontage Road CatEx Report 2.3 - Page 14
4	Farmland Protection	Not Applicable	Not Applicable		Not Applicable	Frontage Road CatEx Report 2.4 - Page 15
5	Threatened and Endangered Species	water use required for some construction activities during Phase I would affect federally	water use required for some construction activities during Phase II would affect federally		Measures outlined in the USFWS Final Programmatic Biological Opinion will be followed to minimize impacts. CDOT is conducting the South Platte River Related A nest survey will be completed by a CDOT Biologist prior to beginning construction to verify the absence of	Frontage Road CatEx Report 2.5 - Page 15
6	Migratory Birds	No Impacts are expected	No Impacts are expected			Frontage Road CatEx Report 2.6 - Page 17
7	Terrestrial and Aquatic Wildlife	No permanent impacts are expected	No permanent impacts are expected		Walls have been designed to minimize impacts to wildlife crossings. BMP's and a SwMP will be put into place	Frontage Road CatEx Report 2.7 - Page 17

Frontage Road Phase II in orange



Frontage Road Project Elements assigned to Twin Tunnels – Previously discussed

- Impacts of I-70 bridge reconstruction
- Detour construction details
- Buffer seeding/restoration
- Cut wall façade construction



Frontage Road Project Elements assigned to Twin Tunnels – Additional Items

- Involve key Clear Creek and Idaho Springs officials in final wall aesthetic application decisions
- Rafting Company Coordination – October 2012 and March 2013 meetings
- Ongoing bicycling community coordination
- Continue sending monthly newsletter updates to Frontage Road stakeholders
- CDOT will develop:
 - an updated property ownership map
 - a list of local agency agreements, commitment letters, and local agency letters
- CDOT and Clear Creek will develop an IGA to address maintenance and procedures for furthering design and construction of Phase II elements

Project Chronology

- **Frontage Road Improvements Project (May 2012)**
 - » Anticipated completion of construction October 2012. Greenway and Frontage Road open to the public
- **Twin Tunnels Package 1: Prep work (December 2012)**
 - » Begin tunnel, walls, and bridge construction
 - » Build transitions to use approximately one mile segment of CR314
 - » Reinforce doghouse rail bridge to carry interstate traffic
- **Twin Tunnels Package 2: Tunnels, widening (April 2013)**
 - » Detour of Interstate traffic onto the CR314
 - » Tunnel new eastbound bore
 - » Widen eastbound I-70
- **Twin Tunnels Package 3: Restore CR 314 (November 2013-March 2014)**
 - » Return traffic to I-70 alignment
 - » Remove detour and restore CR314